

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| L1    | 6872    | ((422/1) or (422/28) or (422/261) or (422/274) or (422/281) or (422/292) or (422/300) or (422/311) or (422/902)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/10/01 10:51 |
| L3    | 29001   | ((recirculat\$) or (re adj circulat\$) or (circulating or circulate)) same (chemical or detergent)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:51 |
| L4    | 646049  | ((recirculat\$) or (re adj circulat\$) or (circulating or circulate))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:52 |
| L5    | 345054  | sterili\$ or decontaminat\$ or disinfect\$ or saniti\$ sanitation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:53 |
| L6    | 4903461 | solid or detergent or chemical   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:53 |
| L7    | 62914   | 5 same 6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:53 |
| L8    | 1799    | 7 same 4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:53 |
| L9    | 122     | 8 and 1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/01 10:54 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L10 | 136   | (Thomas-John-E.in.) or<br>(Batcher-Thomas-J.in.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01 10:55 |
| S1  | 2     | ("6387870").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/25 14:18 |
| S2  | 0     | Hennemann-Thomas.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 14:18 |
| S3  | 6     | Hennemann-Thomas-L.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01 10:51 |
| S4  | 6366  | ((laundry) or (washing adj machine))<br>same (solid)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01 10:51 |
| S5  | 363   | (S4) and ("134"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/28 15:52 |
| S6  | 29001 | ((recirculat\$) or (re adj circulat\$) or<br>(circulating or circulate)) same<br>(chemical or detergent) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01 10:51 |
| S7  | 226   | S4 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/28 16:22 |

## EAST Search History

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S8  | 3358   | ((laundry) or (washing adj machine))<br>and (solid) and (tank)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/28 16:30 |
| S9  | 274    | S8 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/28 16:31 |
| S10 | 109    | (422/902).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/28 16:39 |
| S11 | 1373   | (422/261).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/28 17:02 |
| S12 | 646049 | ((recirculat\$) or (re adj circulat\$) or<br>(circulating or circulate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/28 17:02 |
| S13 | 210    | S12 and S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/29 09:38 |
| S14 | 1373   | (422/261).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/29 09:38 |
| S15 | 646049 | ((recirculat\$) or (re adj circulat\$) or<br>(circulating or circulate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/01 10:52 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S16 | 210 | S15 and S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/29 09:38 |
| S17 | 10  | ((("5505915") or ("5498333") or ("5928608") or ("6098646") or ("5746238"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/29 09:45 |
| S18 | 2   | (microprocessor) and (S17)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/29 09:58 |
| S19 | 4   | ("3638833").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/29 09:58 |
| S20 | 1   | (S19) and (pump)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/29 09:58 |